



RhinoROC®
Steel Cement Filled Panel



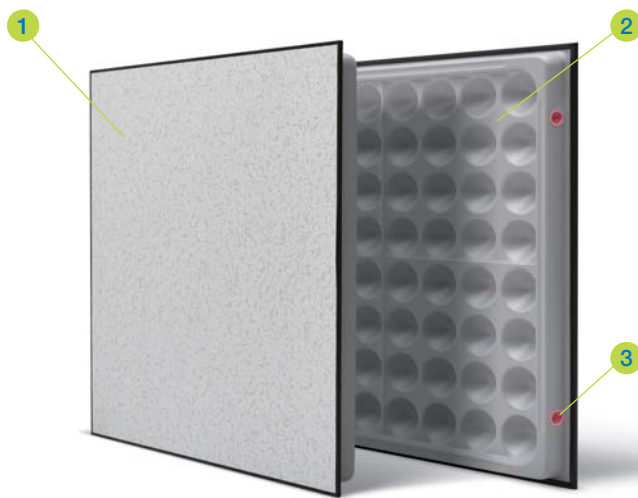
ROC 100C/200C/300C 400C/500C/600C

Covered Panel w/ C-trim

RhinoROC® Covered Panel w/ C-trim has the same welded structural steel technology found in the Roc bare finish panel making the two interchangeable, high-strength but with various finishes are the premier choice for computer room and data centers.

RHINO®
Strive for perfection!

Panel



- 1 Top Layer**
Thickness: Various
Material: Anti-static HPL
Conductive Vinyl (PVC)
- 2 Bottom Shell**
Material: Cold rolled steel (ST14)
Construction: Classic 64-dome design
Stiffening Rib: Cross beams + 4-ribbed beams
- 3 Cement Injection**
Material: Light weight cement filled
Seal: Plastic plug, pink color

Description

RhinoROC® HPL or PVC finish panel has the same welded structural steel technology found in the Roc bare finish panel making the two interchangeable, high-strength but with various finishes are the premier choice for computer room and data centers.

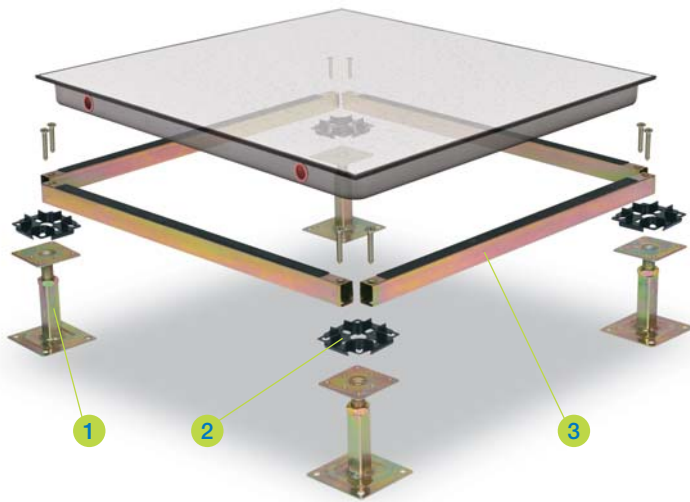
Features

- Accommodates maximum dynamic loads to 33kN
- Interchangeable with other Roc panels
- Quiet, with a solid feel underfoot
- Powder-coated, protective epoxy finish
- Wide range of covering options



Panel Type	Panel Size	Core Material	Panel Construction	Panel Thickness (Nominal)	System Weight (Typical)
ROC 100C	600/610mm square	Light weight cement-filled	Cold rolled steel resistance welded	35.00 mm	45 kg/m²
ROC 200C	600/610mm square	Light weight cement-filled	Cold rolled steel resistance welded	35.00 mm	48 kg/m²
ROC 300C	600/610mm square	Light weight cement-filled	Cold rolled steel resistance welded	36.00 mm	51 kg/m²
ROC 400C	600/610mm square	Light weight cement-filled	Cold rolled steel resistance welded	36.00 mm	53 kg/m²
ROC 500C	600/610mm square	Light weight cement-filled	Cold rolled steel resistance welded	36.00 mm	55 kg/m²
ROC 600C	600/610mm square	Light weight cement-filled	Cold rolled steel resistance welded	36.00 mm	57 kg/m

System



1 Standard Pedestal

Electro-galvanized steel made pedestal is suitable for raised floors with a finished floor height from 150mm to 1800mm. Zinc whisker free is available for special order.
Material: Steel, Yellow Galvanized.

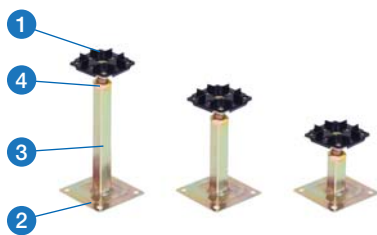
2 Head Gasket

Plastic conductive material with sound proofing and sealing functions, equipped with tabs for the positioning of panels.
Thickness: 2.0mm

3 Stringer

Steel tube performed stringer with plastic gasket on top provide best supports to the structural system with limited air leakage and outstanding acoustic performance.
Dimension: 568mm(L) x 21mm(W) x 32mm(H)
Thickness: 0.8/1.0/1.2mm

Pedestal



1 Head Assembly

Head plate: 75mm x 75mm x 4.0mm
Threaded rod: M19

2 Base Assembly

Base tube: □22mm x 1.5mm
Base plate: 100mm x 100mm x 2.3mm

3 FFH (Finished Floor Height)

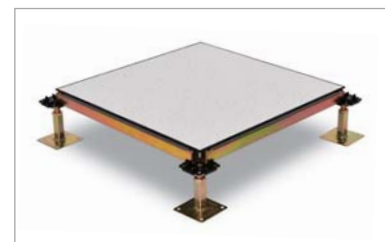
150mm to 1800mm

4 Adjusting Range

+/-25mm (FFH150-600)
+/-30mm (FFH600-1200)
+/-40mm (FFH1200-1800)

Performance

- This bolted stringer system is tested in accordance with USA CISCA specification.
- Panel deflection at centre edge must not exceed 2.5mm
- Performance to a safety factor of 3 x static load
- Structural performance based upon a full Rhino access floors system i.e. panels & pedestals.



Panel Type	Understructure	Performance Grades	Static Loads			Rolling Loads		Impact Loads
			Concentrated Load	Ultimate Load (Safety Factor* 3.0)	Uniform Load	10 Passes	10,000 Passes	
ROC 100C	Bolted Stringer	Medium Duty	800 lbs 3.56 kN	2,400 lbs 10.68 kN	300 lbs/ft² 14 kN/m²	600 lbs 2.67 kN	400 lbs 1.78 kN	150 lbs 0.67 kN
ROC 200C	Bolted Stringer	Heavy Duty	1,000 lbs 4.45 kN	3,000 lbs 13.34 kN	350 lbs/ft² 17 kN/m²	800 lbs 3.56 kN	600 lbs 2.67 kN	150 lbs 0.67 kN
ROC 300C	Bolted Stringer	Extra Heavy Duty	1,250 lbs 5.56 kN	3,750 lbs 16.68 kN	400 lbs/ft² 19 kN/m²	1,000 lbs 4.45 kN	800 lbs 3.56 kN	150 lbs 0.67 kN
ROC 400C	Bolted Stringer	Super Heavy Duty	1,500 lbs 6.67 kN	4,500 lbs 20.02 kN	450 lbs/ft² 22 kN/m²	1,250 lbs 5.56 kN	1,000 lbs 4.45 kN	150 lbs 0.67 kN
ROC 500C	Bolted Stringer	Industrial Heavy Duty	2,000 lbs 8.90 kN	6,000 lbs 26.70 kN	550 lbs/ft² 26 kN/m²	1,500 lbs 6.67 kN	1,250 lbs 5.56 kN	200 lbs 0.89 kN
ROC 600C	Bolted Stringer	Military Heavy Duty	2,500 lbs 11.12 kN	7,500 lbs 33.36 kN	650 lbs/ft² 31 kN/m²	2,000 lbs 8.90 kN	1,500 lbs 6.67 kN	200 lbs 0.89 kN

RHINO[®]

Strive for perfection!

Corporate Headquarters

111 S.K.V. Building, 4th Floor
Soi Sansabai, Klongton
Klongtoey, Bangkok 10110
Thailand

T/ (662) 661 2990

F/ (662) 661 2991

China Office

593, Tongjiang Road
Jintian Plaza 828-830
Changzhou 213022
Jiangsu, China

T/ (86) 519 8988 3171

F/ (86) 519 8988 3901

Hong Kong Office

Unit 908, 9/F, LT Tower
31 Chong Yip Street
Kwun Tong, Kowloon
Hong Kong

T/ (852) 2865 6816

F/ (852) 2865 6813

Production Unit

Hengshanqiao
Wujin District
Changzhou 213119
Jiangsu, China

T/ (86) 519 8860 7959

F/ (86) 519 8860 5659

www.RhinoAccessFloors.com